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Approved for use through 10/31/2002. OMB 0651-0032

(Modified) PTO/SB/05 (8/00)

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

| | |
|--|---|
| Attorney Docket No. | 100/13010 |
| First Inventor or Application Identifier | Chien |
| Title | Microfluidic Systems with Enhanced Detection... |
| Express Mail Label No. | EL544598612US |

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
See 37 CFR 1.27
3. ☒ Specification
(preferred arrangement set forth below) Total Pages **24**
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **7**
 - Oath or Declaration Total Pages **7**
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Unexecuted Oath or Declaration
 - c. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
 - DELETION OF INVENTOR(S)
 - i. ☐ Signed statement attached deleting inventor(s)
Named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table o Copmuter Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Specification Sequence Listing on
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement Copies of IDS
(IDS)/PTO-1449 Citations()
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other

17 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5c, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label **021569** or _____ Correspondence Address below
(Insert Customer No. or Attach bar code label here)

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| City | | State | | Zip Code |
| Country | | Telephone | | Fax |

| | | | |
|-----------|---|------------------|---------|
| Name | Matthew B. Murphy | Registration No. | 39,787 |
| Signature |  | Date | 2/14/02 |

CERTIFICATE OF EXPRESS MAILING under 37 CFR 1.10

Express Mail Label No: **EL544598612US** Date of Deposit **February 14, 2002**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Typed Name of Person Mailing Paper or Fee **Michelle Chan** Signature **Michelle Chan**

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